



New Patent Application  
Docket No. 32860-000619/US

Abstract of the Disclosure

~~Method for processing raw magnetic resonance data,  
magnetic resonance tomography unit and magnetic  
resonance spectroscopy unit~~

A method is for producing a map from raw magnetic resonance data from a magnetic resonance tomography unit—(1)—\_or a spectrum from raw magnetic resonance data from a magnetic resonance spectroscopy unit. The method —involves the raw data being filtered, preferably using a high pass filter and using a low pass filter. Next, the two absolute values of the filtered, Fourier transformed raw magnetic resonance data are used to produce the map or the spectrum by means—ofa weighted combination. The method is distinguished in that the signal to noise ratio can be improved together with an increase in the edge sharpness.

~~Figure 1~~